

Fig. 1
(Prior Art)

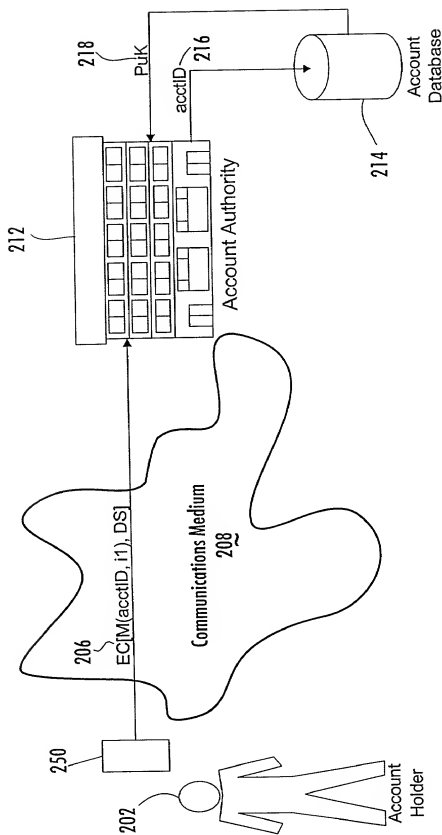


Fig. 2

Account Identifier (actID) (216)	Account Information (240)	Public Key Information (218)	Device Profile Information (270)
#.###.###.### (281)	Customer-specific information Account-specific information	PuK	Security Characteristics Authentication Capabilities Manufacturing History Transactional History
#.###.###.### (282)	Customer-specific information Account-specific information	PuK	Security Characteristics Authentication Capabilities Manufacturing History Transactional History
#.###.###.### (283)	Account-specific information	PuK	Security Characteristics Authentication Capabilities Manufacturing History Transactional History
#.###.###.### (284)	Account-specific information	PuK	Security Characteristics Authentication Capabilities Manufacturing History Transactional History
#.###.###.### (285)	Account-specific information	PuK	Security Characteristics Authentication Capabilities Manufacturing History Transactional History
#.###.###.### (288)	Customer-specific information Account-specific information	PuK	Security Characteristics Authentication Capabilities Manufacturing History Transactional History

Fig. 2b

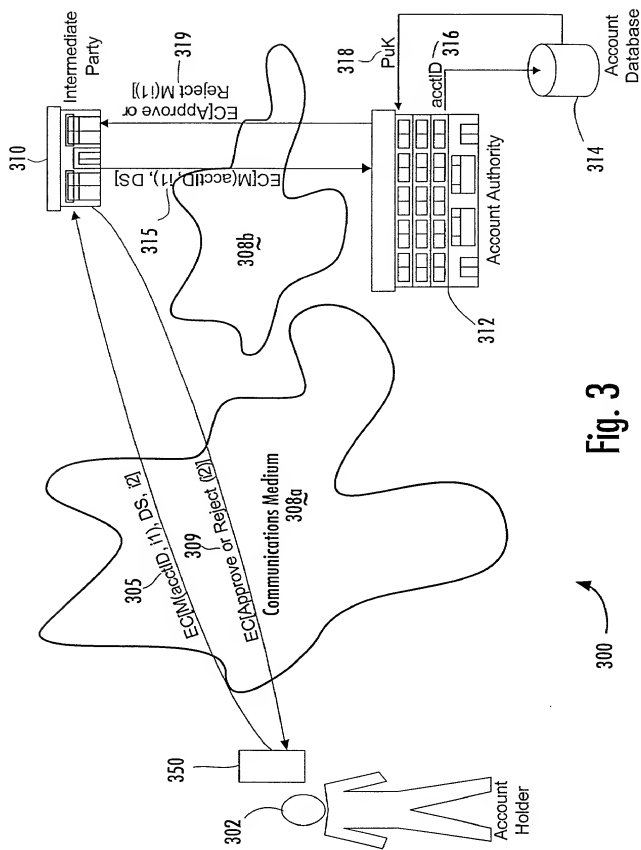


Fig. 3

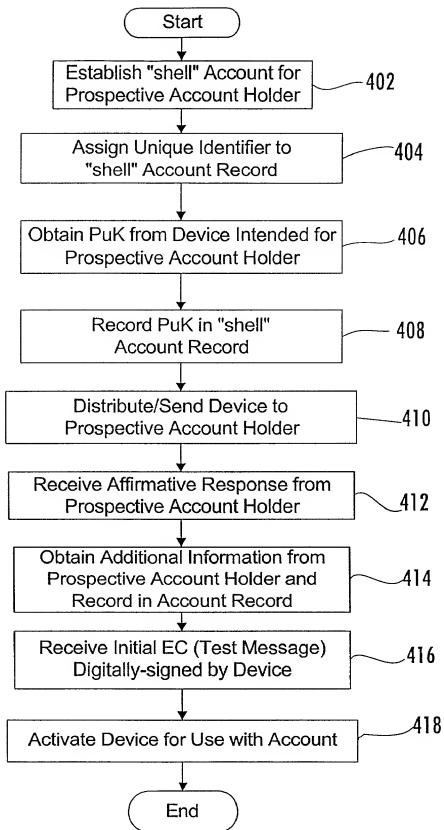


Fig. 4a

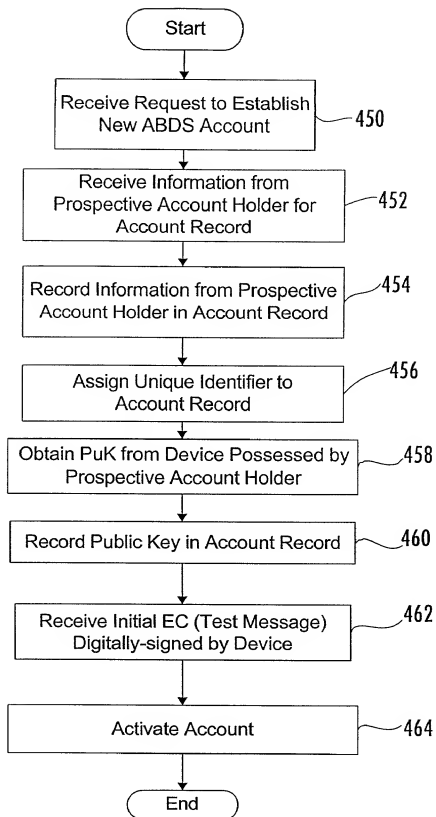


Fig. 4b

Fig. 5a

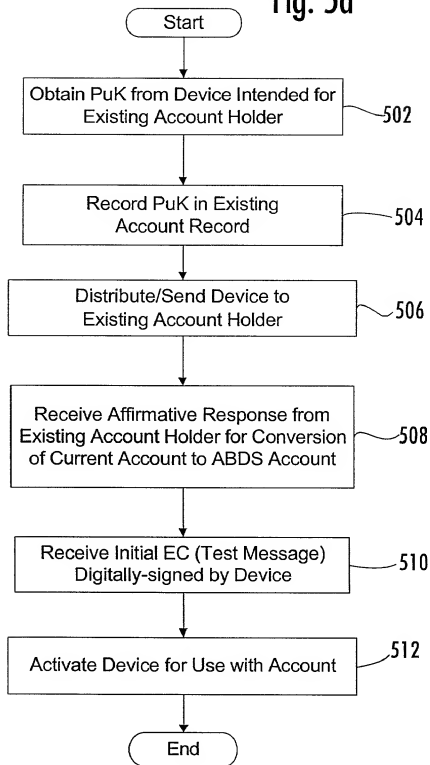
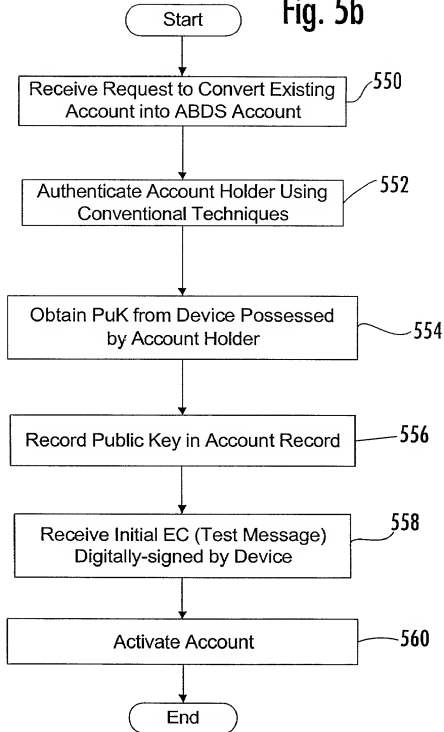


Fig. 5b



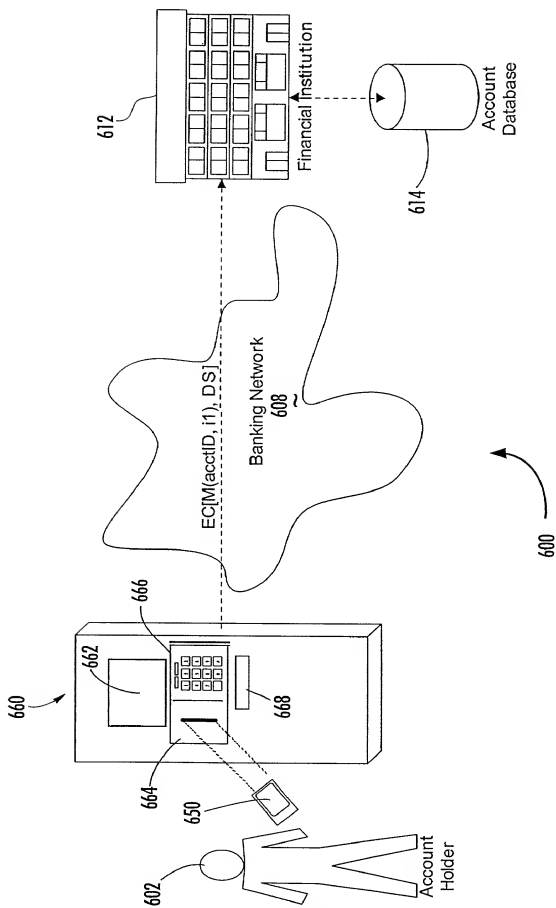


Fig. 6

<u>Account Identifier</u> (acctID) (716)	<u>Account Information</u> (740)		<u>Public Key</u> Information (718)	<u>Device Profile</u> Information (770)
	<u>Customer - Specific</u> (742)	<u>Account - Specific</u> (744)		
#-####-####-###	Name Address SSN/Tax-ID number etc.	Account Balance Available Credit Current Statement Associated Accounts etc.	PK	Security Characteristics Authentication Capabilities Manufacturing History Transactional History
#-####-####-###	Name Address SSN/Tax-ID number etc.	Account Balance Available Credit Current Statement Associated Accounts etc.	PK	Security Characteristics Authentication Capabilities Manufacturing History Transactional History
...
#-####-####-###	Name Address SSN/Tax-ID number etc.	Account Balance Available Credit Current Statement Associated Accounts etc.	PK	Security Characteristics Authentication Capabilities Manufacturing History Transactional History

Fig. 7

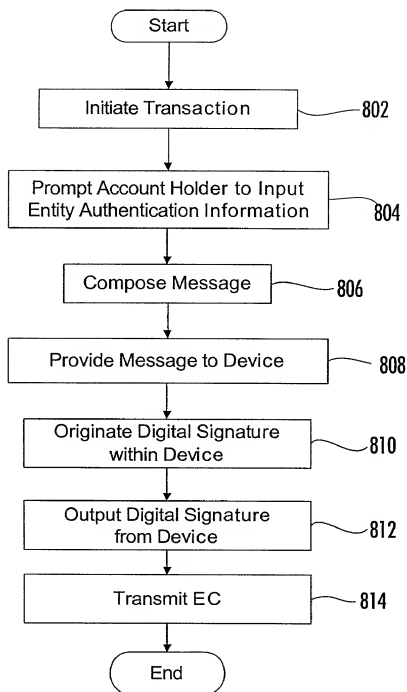


Fig. 8

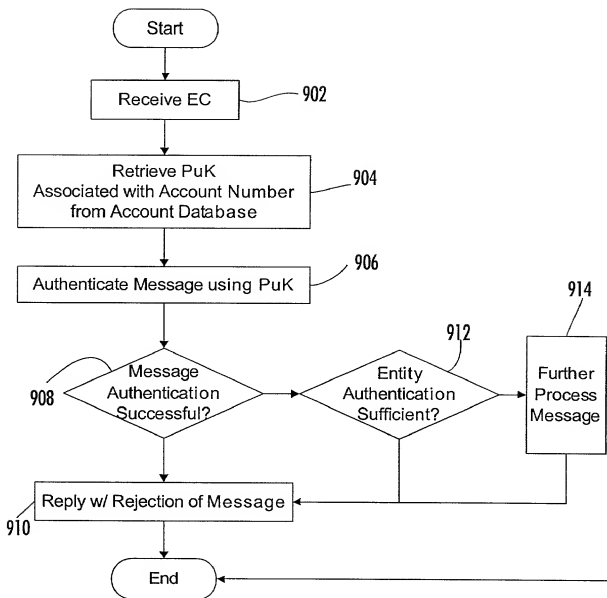


Fig. 9

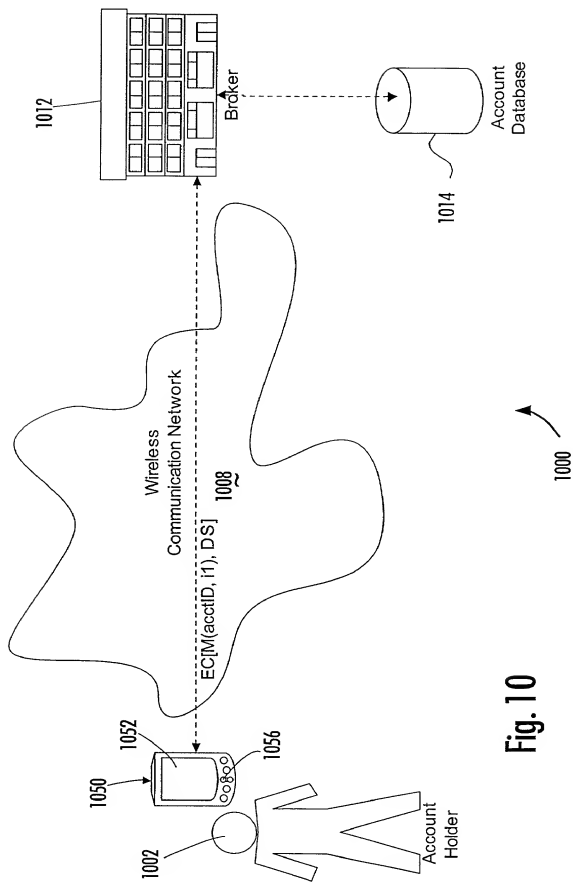


Fig. 10

Account Identifier (acctID) (1116)	Account Information (1140)		Public Key Information (1118)	Device Profile Information (1170)
	Customer - Specific (1142)	Account - Specific (1144)		
#-####-####-###	Name Address SSN/Tax-ID number etc.	Account Status Account Balance Available Credit Asset Holdings Pending Transactions Capital Gains Associated Accounts etc.	PK	Security Characteristics Authentication Capabilities Manufacturing History Transactional History
#-####-####-###	Name Address SSN/Tax-ID number etc.	Account Status Account Balance Available Credit Asset Holdings Pending Transactions Capital Gains Associated Accounts etc.	PK	Security Characteristics Authentication Capabilities Manufacturing History Transactional History
...
#-####-####-###	Name Address SSN/Tax-ID number etc.	Account Status Account Balance Available Credit Asset Holdings Pending Transactions Capital Gains Associated Accounts etc.	PK	Security Characteristics Authentication Capabilities Manufacturing History Transactional History

Fig. 11

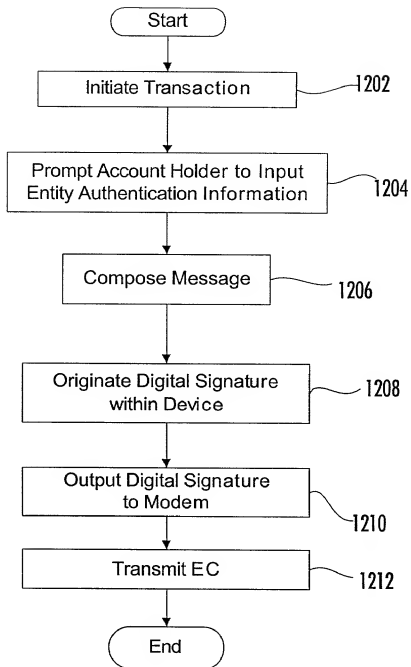
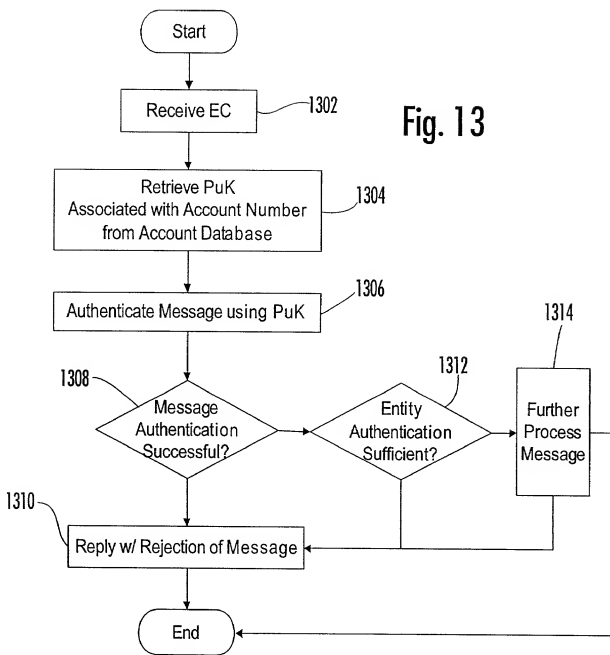


Fig. 12



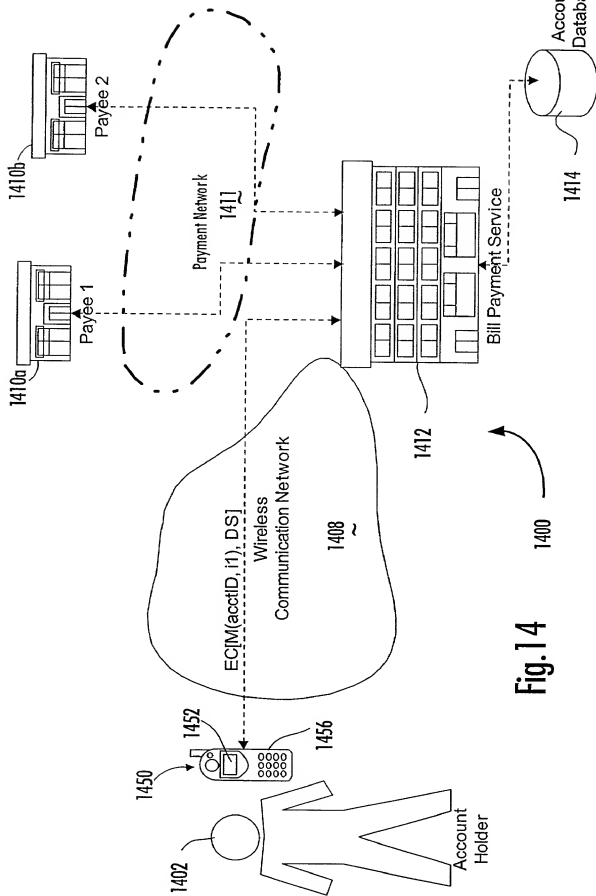


Fig. 14

Account Identifier (acctID) (1516)	Account Information (1540)		Public Key Information (1518)	Device Profile Information (1570)
	Customer - Specific (1542)	Account - Specific (1544)		
# - #### - #### - ###	Name Address SSN/Tax - ID number etc.	List of Payment Accounts & Account Balances Credit Card Number(s) Available Credit Current Statement Status Report Registered Payees - (Cust. Act. #, Billing Address, Current Billing Information) etc.	PK	Security Characteristics Authentication Capabilities Manufacturing History Transactional History
...
# - #### - #### - ###	Name Address SSN/Tax- ID number etc.	List of Payment Accounts & Account Balances Credit Card Number(s) Available Credit Current Statement Status Report Registered Payees - (Cust. Act. #, Billing Address, Current Billing Information) etc.	PK	Security Characteristics Authentication Capabilities Manufacturing History Transactional History

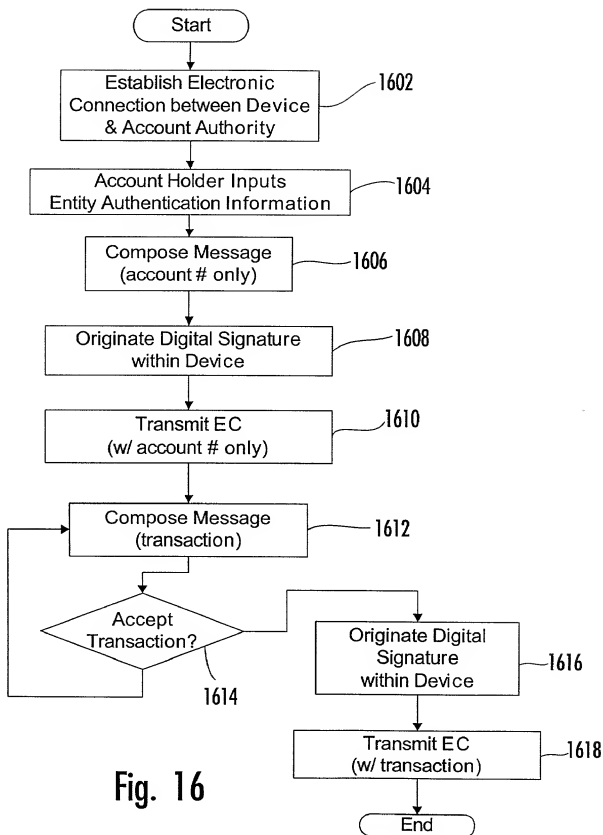
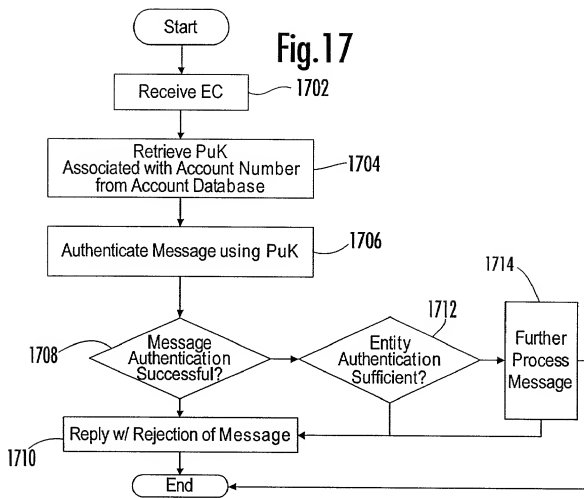


Fig. 16



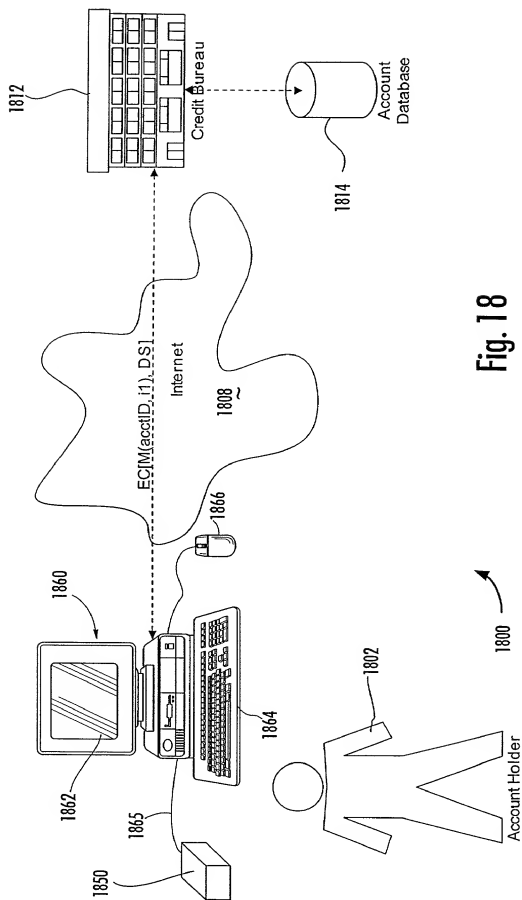


Fig. 18

<u>Account Identifier</u> (acctID) (1916)	<u>Account Information</u> (1940)		<u>Public Key</u> Information (1918)	<u>Device Profile</u> Information (1970)
	<u>Customer - Specific</u> (1942)	<u>Account - Specific</u> (1944)		
#-####-####-### Name Address SSN/Tax- ID number etc.		List of Accounts Payment History Past Due Amount Total Debt Credit Score etc.	PuK	Security Characteristics Authentication Capabilities Manufacturing History Transactional History
#-####-####-### Name Address SSN/Tax- ID number etc.		List of Accounts Payment History Past Due Amount Total Debt Credit Score etc.	PuK	Security Characteristics Authentication Capabilities Manufacturing History Transactional History
... #-####-####-### Name Address SSN/Tax- ID number etc. List of Accounts Payment History Past Due Amount Total Debt Credit Score etc.	... Puk	... Security Characteristics Authentication Capabilities Manufacturing History Transactional History

Fig. 19

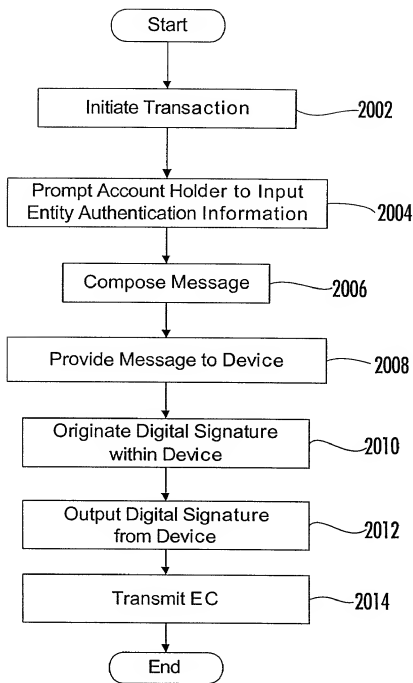


Fig. 20

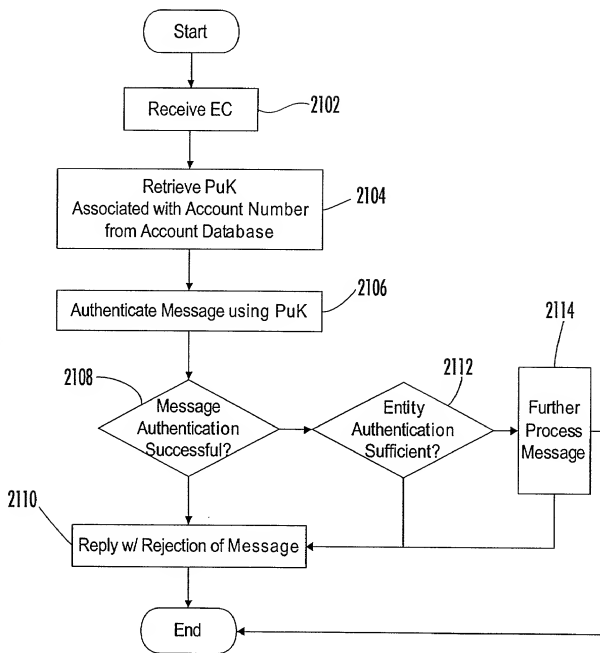
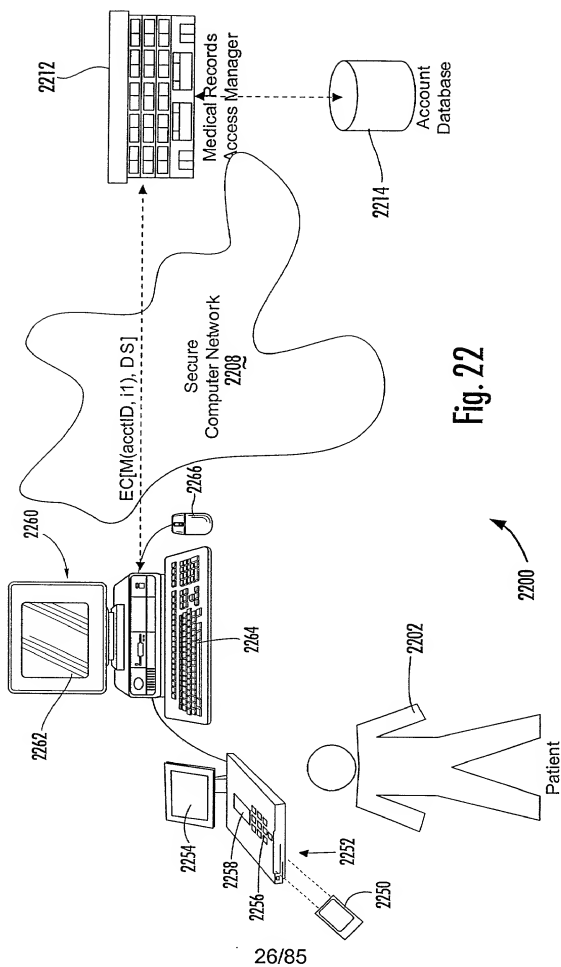


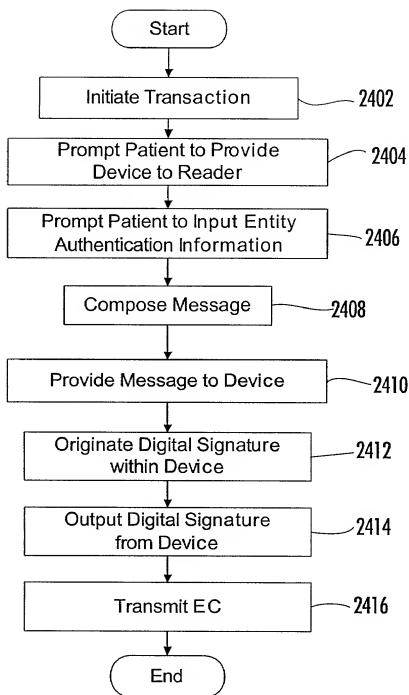
Fig. 21



Account Identifier (acctID) (2316)	Account Information (2340)		Public Key Information (2318)	Device Profile Information (2370)
	Customer - Specific (2342)	Account - Specific (2344)		
#-####-####-###	Name Address SSN/Tax - ID number etc.	Current list of doctors Insurance information Medical profile and history Major medical conditions Organ donor information etc.	PK	Security Characteristics Authentication Capabilities Manufacturing History Transactional History
#-####-####-###	Name Address SSN/Tax - ID number etc.	Current list of doctors Insurance information Medical profile and history Known allergies Major medical conditions Organ donor information etc.	PK	Security Characteristics Authentication Capabilities Manufacturing History Transactional History
...
#-####-####-###	Name Address SSN/Tax - ID number etc.	Current list of doctors Insurance information Medical profile and history Known allergies Major medical conditions Organ donor information etc.	PK	Security Characteristics Authentication Capabilities Manufacturing History Transactional History

Fig. 23

Fig. 24



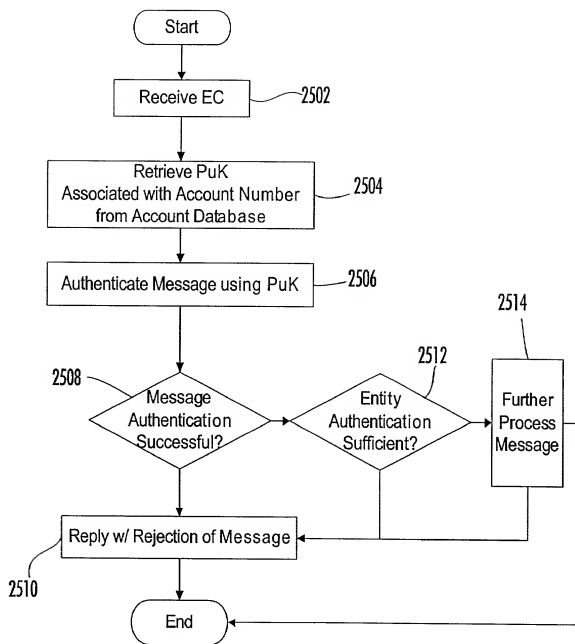


Fig. 25

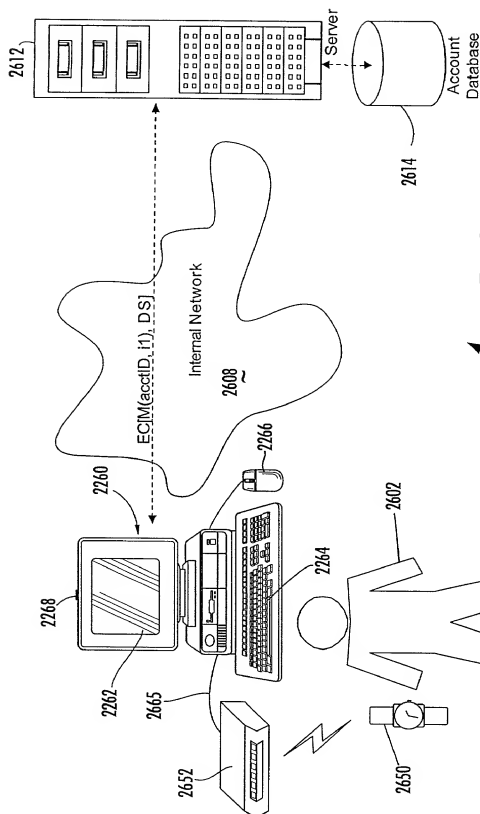


Fig. 26

2600

Account (Entity) Identifier (actID) (2716)	Account Information (2740)		Public Key Information (2718)	Device Profile Information (2770)
	Entity - Specific Information (2742)	Accessible Databases (2744)		
# -###- -###-###	Name Position Field of Practice Member of Groups	Group Calendar Personal Calendar Group Contact List Personal Contact List Group Patient List Personal Patient List Insurance List	PuK	Security Characteristics Authentication Capabilities Manufacturing History Transactional History
	Name Position Field of Practice Member of Groups	Group Calendar Personal Calendar Group Contact List Personal Contact List Group Patient List Personal Patient List Insurance List		
-###- -###-###
	Name Position Field of Practice Member of Groups	Group Calendar Personal Calendar Group Contact List Personal Contact List Group Patient List Personal Patient List Insurance List	PuK	Security Characteristics Authentication Capabilities Manufacturing History Transactional History
	# -###- -###-###			

Fig. 2.

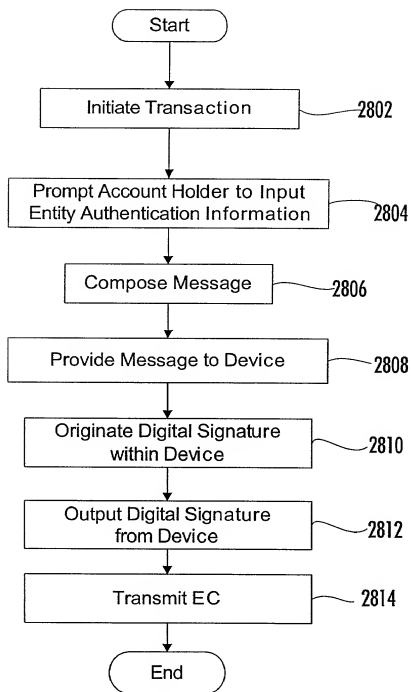
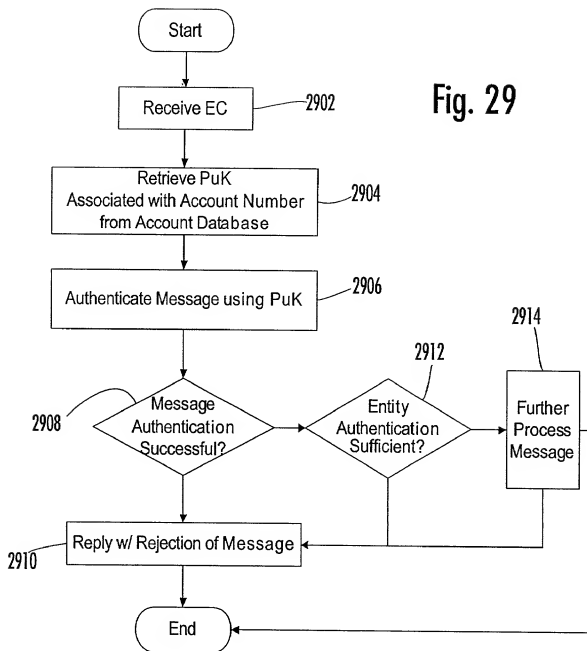


Fig. 28



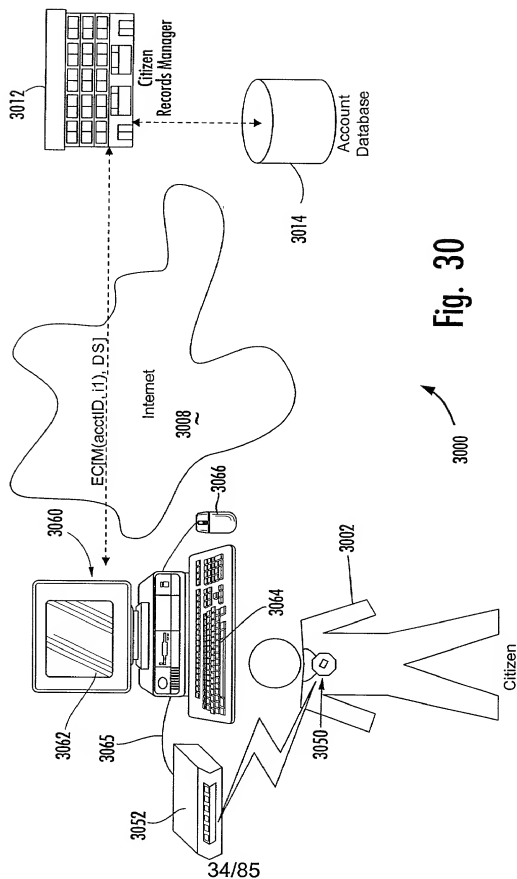


Fig. 30

3000

Account Identifier (acctID) (3116)	Account Information (3140)		Public Key Information (3118)	Device Profile Information (3170)
	Citizen (3142)	Account - Specific (3144)		
#-####-####-###	Name Address SSN Tax-ID number Occupation Place of Birth Age etc.	Social Security Benefits Welfare Benefits Medicare/Medicaid Benefits Prescription Benefits Universal Health Care Benefits Tax Returns (last 5 years) Bank Account Information etc.	PUK	Security Characteristics Authentication Capabilities Manufacturing History Transactional History
#-####-####-###	Name Address SSN Tax-ID number Occupation Place of Birth Age etc.	Social Security Benefits Welfare Benefits Medicare/Medicaid Benefits Prescription Benefits Universal Health Care Benefits Tax Returns (last 5 years) Bank Account Information etc.	P UK	Security Characteristics Authentication Capabilities Manufacturing History Transactional History
...
#-####-####-###	Name Address SSN Tax-ID number Occupation Place of Birth Age etc.	Social Security Benefits Welfare Benefits Medicare/Medicaid Benefits Prescription Benefits Universal Health Care Benefits Tax Returns (last 5 years) Bank Account Information etc.	PUK	Security Characteristics Authentication Capabilities Manufacturing History Transactional History

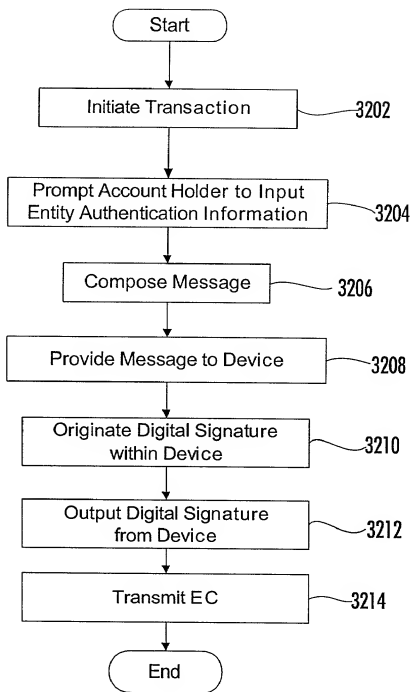
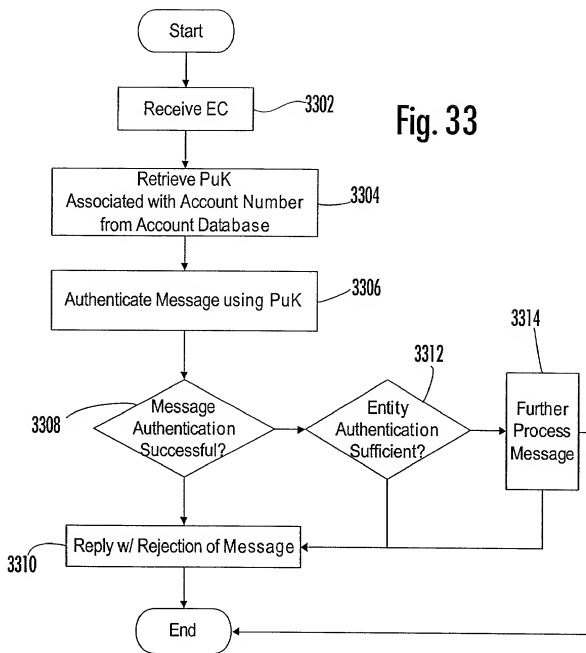


Fig. 32



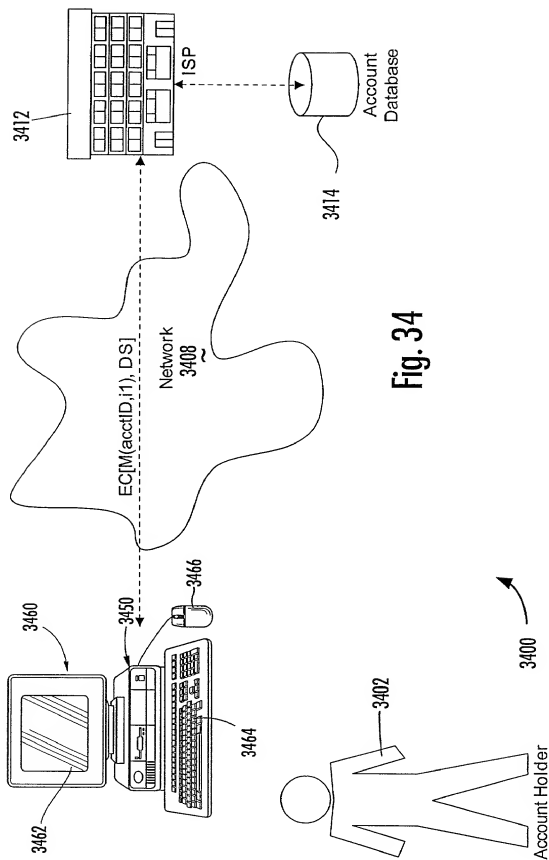


Fig. 34

Account Identifier (acctID) (3516)	Account Information (3540)		Public Key Information (3518)	Device Profile Information (3570)
	Customer - Specific (3542)	Account - Specific (3544)		
#-####-####-###	Name Billing Address Email Address Credit Card Information	ISP Connection Means & Speed Internet Hours Used Internet Hours Available Email accounts (aliases) Web page address etc.	PK	Security Characteristics Authentication Capabilities Manufacturing History Transactional History
#-####-####-###	Name Billing Address Email Address Credit Card Information	ISP Connection Means & Speed Internet Hours Used Internet Hours Available Email accounts (aliases) Web page address etc.	PK	Security Characteristics Authentication Capabilities Manufacturing History Transactional History
...
#-####-####-###	Name Billing Address Email Address Credit Card Information	ISP Connection Means & Speed Internet Hours Used Internet Hours Available Email accounts (aliases) Web page address etc.	PK	Security Characteristics Authentication Capabilities Manufacturing History Transactional History

3414

Fig. 35

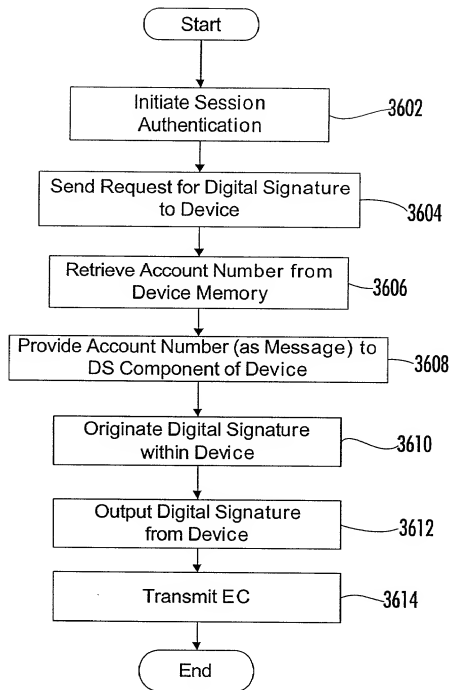


Fig. 36

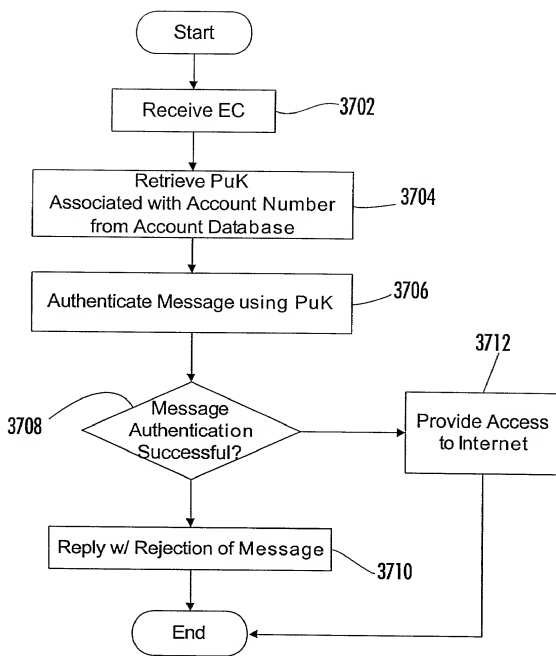


Fig. 37

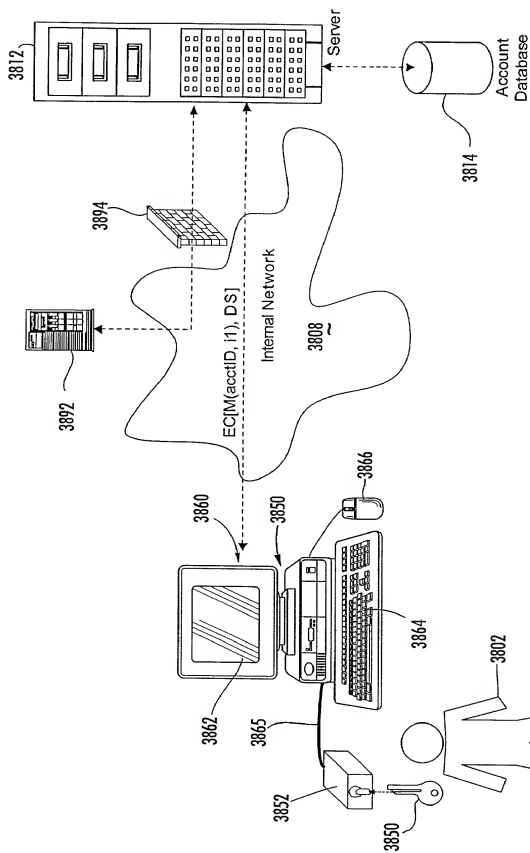


Fig. 38

Account (Employee) Identifier (actID) (3916)	Account Information (3940)		Public Key Information (3918)	Device Profile Information (3970)
	Employee-Specific Information (3942)	Accessible Databases (3944)		
# -###-####-###	Name Email Address Department Supervisor Project(s) Building Location Room Location Computer Number	Project 1 Project 2 Project 3 ... Project n	PuK	Security Characteristics Authentication Capabilities Manufacturing History Transactional History
# -###-####-###	Name Email Address Department Supervisor Project(s) Building Location Room Location Computer Number	Project 1 Project 2 Project 3 ... Project n	PuK	Security Characteristics Authentication Capabilities Manufacturing History Transactional History
...
# -###-####-###	Name Email Address Department Supervisor Project(s) Building Location Room Location Computer Number	Project 1 Project 2 Project 3 ... Project n	PuK	Security Characteristics Authentication Capabilities Manufacturing History Transactional History

Fig.

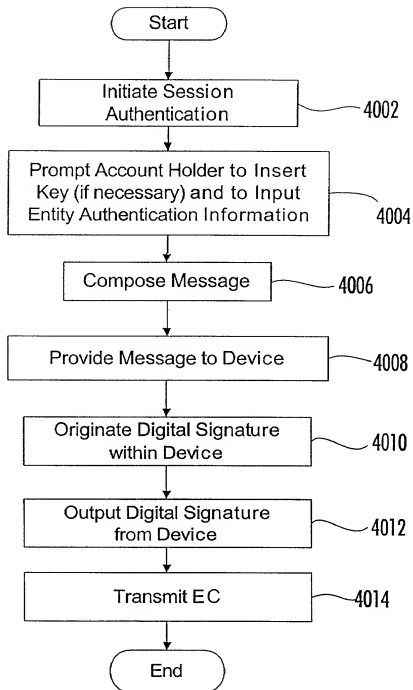


Fig.40

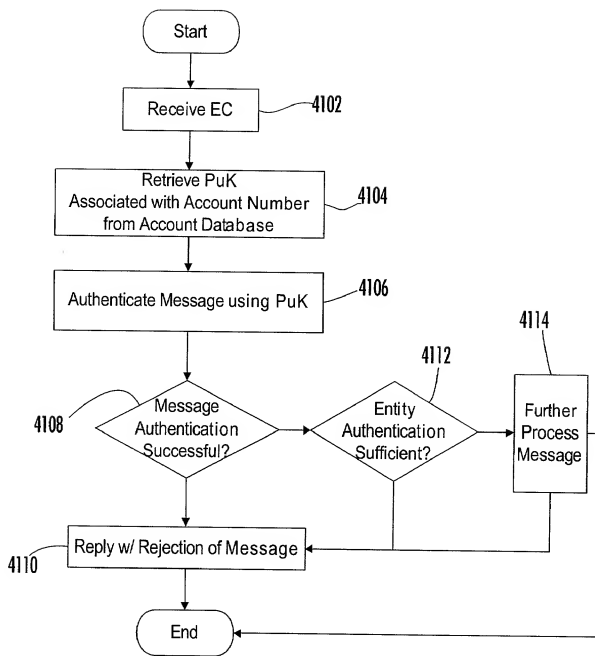


Fig. 41

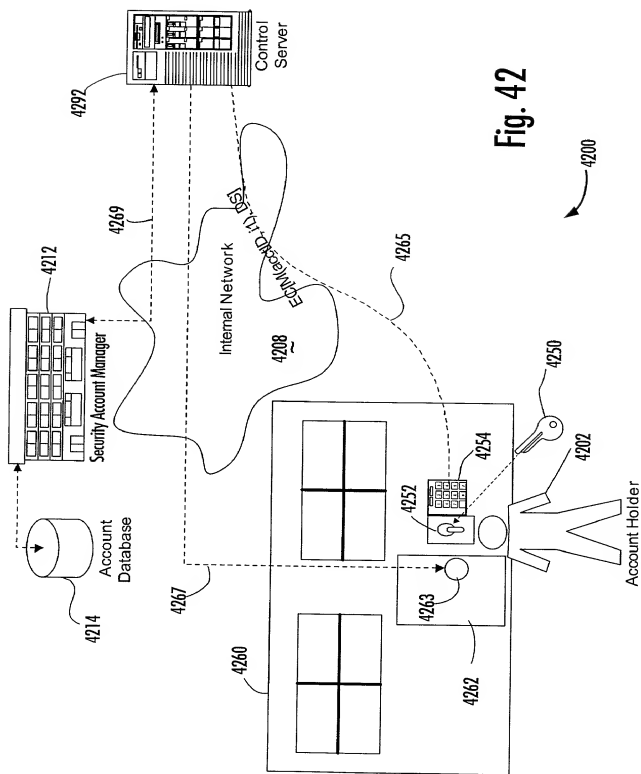


Fig. 42

Account (Employee) Identifier (acctID) (4316)	Account Information (4340)			Public Key Information (4318)	Device Profile Information (4370)
	Employee-Specific Information (4342)	Secured Spaces (4344)	Access Requirements (4346)		
# #### - #### -###	Name	Parking Lot	Device	PuK	Security Characteristics Authentication Capabilities Manufacturing History Transactional History
	Email Address	Main Bldg.	Device+PIN		
	Department	Floors 1-6	Device+PIN		
	Supervisor	Floors 7-10	Dev.+PIN+BI0		
	Project(s)	Room 610	Device+BI0		
# #### - #### -###	Building Location	Other secure rooms	None	PuK	Security Characteristics Authentication Capabilities Manufacturing History Transactional History
	Room Location	Space n	None		
	Computer Number				
	Name	Parking Lot	Device		
	Email Address	Main Bldg.	Device+PIN		
# #### - #### -###	Department	Floors 1-6	Device+PIN	PuK	Security Characteristics Authentication Capabilities Manufacturing History Transactional History
	Supervisor	Floors 7-10	Dev.+PIN+BI0		
	Project(s)	Room 610	Device+BI0		
	Building Location	Other secure rooms	None		
	Room Location	Space n	None		
# #### - #### -###	Computer Number			PuK	Security Characteristics Authentication Capabilities Manufacturing History Transactional History
	Name	Parking Lot	Device		
	Email Address	Main Bldg.	Device+PIN		
	Department	Floors 1-6	Device+PIN		
	Supervisor	Floors 7-10	Dev.+PIN+BI0		
# #### - #### -###	Project(s)	Room 610	Device+BI0	PuK	Security Characteristics Authentication Capabilities Manufacturing History Transactional History
	Building Location	Other secure rooms	None		
	Room Location	Space n	None		
	Computer Number				
	Name	Parking Lot	Device		
# #### - #### -###	Email Address	Main Bldg.	Device+PIN	PuK	Security Characteristics Authentication Capabilities Manufacturing History Transactional History
	Department	Floors 1-6	Device+PIN		
	Supervisor	Floors 7-10	Dev.+PIN+BI0		
	Project(s)	Room 610	Device+BI0		
	Building Location	Other secure rooms	None		
# #### - #### -###	Room Location	Space n	None	PuK	Security Characteristics Authentication Capabilities Manufacturing History Transactional History
	Computer Number				
	Name	Parking Lot	Device		
	Email Address	Main Bldg.	Device+PIN		
	Department	Floors 1-6	Device+PIN		
# #### - #### -###	Supervisor	Floors 7-10	Dev.+PIN+BI0	PuK	Security Characteristics Authentication Capabilities Manufacturing History Transactional History
	Project(s)	Room 610	Device+BI0		
	Building Location	Other secure rooms	None		
	Room Location	Space n	None		
	Computer Number				

Fig. 43

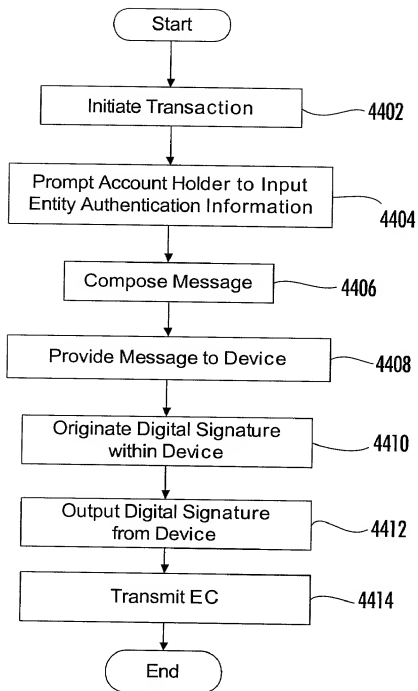


Fig. 44

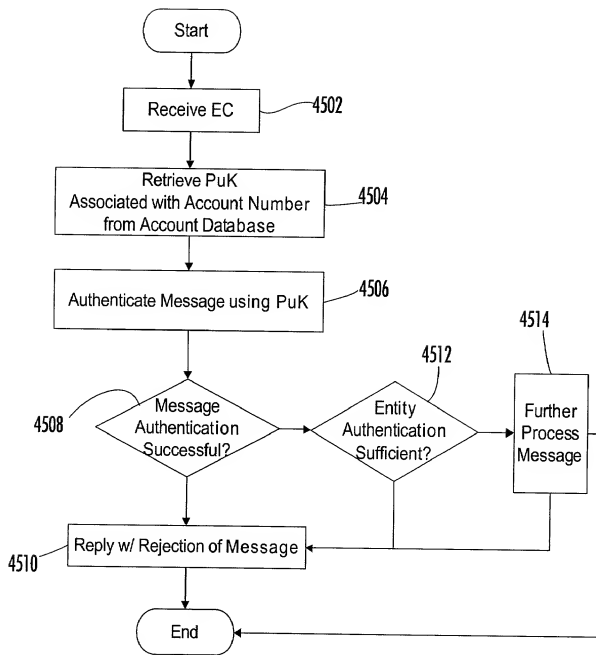


Fig. 45

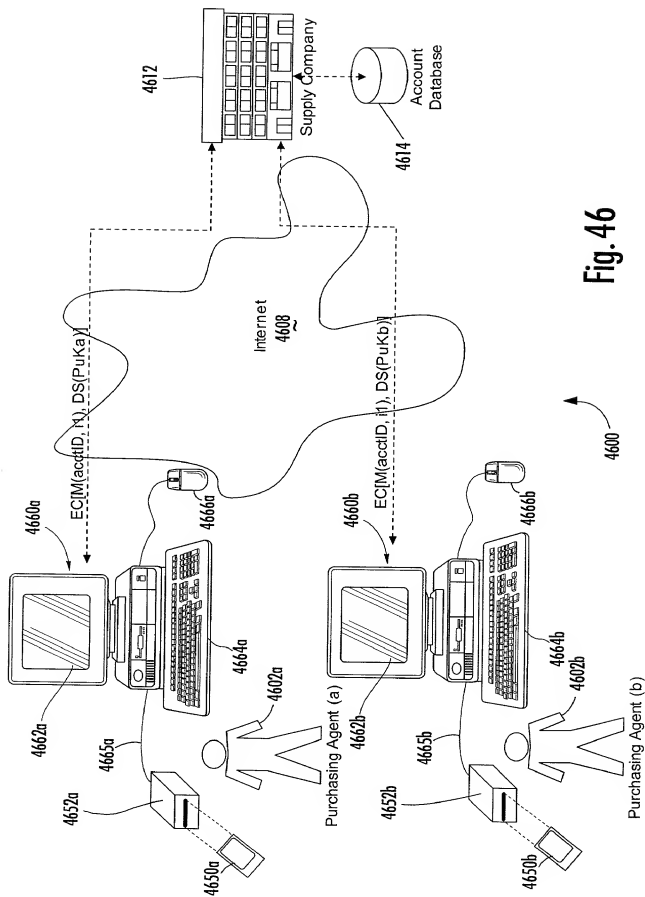


Fig. 46

Account Identifier (accID) (4716)	Account Information (4740)		Public Key Information (4718)	Device Profile Information (4770)
	Account-Specific (4742)	Purchasing Agent - Specific (4744)		
# #### - #### - ###	Company Name Primary Contact eMail Address Billing Address Billing Information List of Purchasing Agents	Agent Name Purchasing Agent (a) Contact Info Purchasing Restrictions	PuKa	Security Characteristics Authentication Capabilities Manufacturing History Transactional History
		Agent Name Purchasing Agent (b) Contact Info Purchasing Restrictions	PuKb	Security Characteristics Authentication Capabilities Manufacturing History Transactional History
	
		Agent Name Purchasing Agent (n) Contact Info Purchasing Restrictions	PuKn	Security Characteristics Authentication Capabilities Manufacturing History Transactional History

4614

Fig. 47

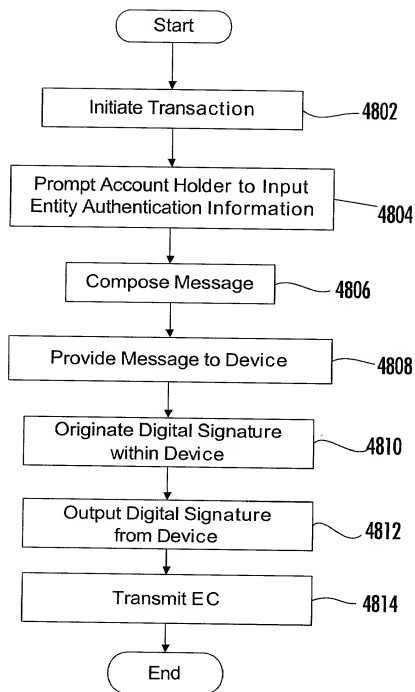


Fig.48

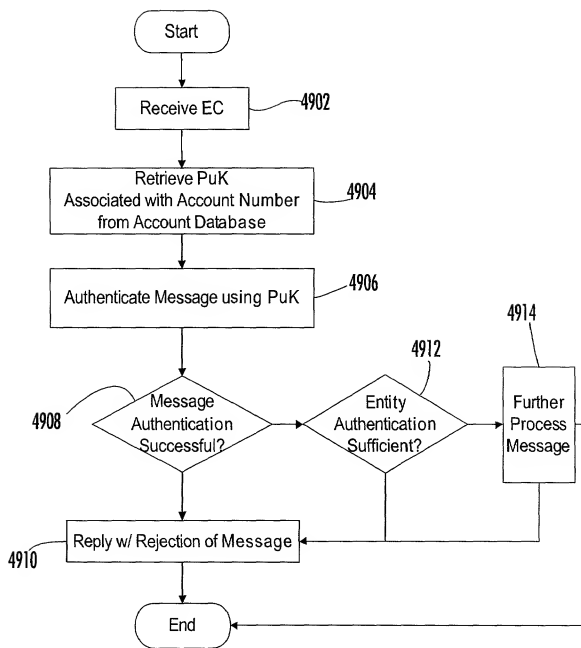
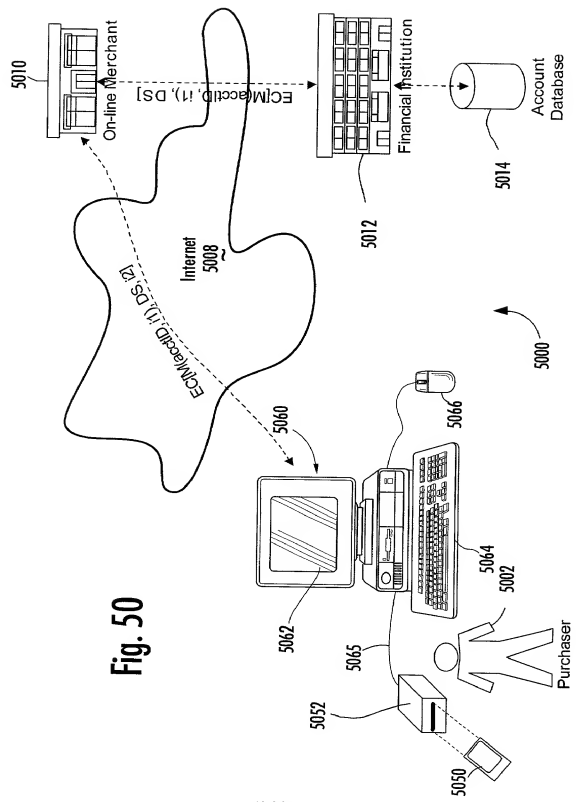


Fig. 49

Fig. 50



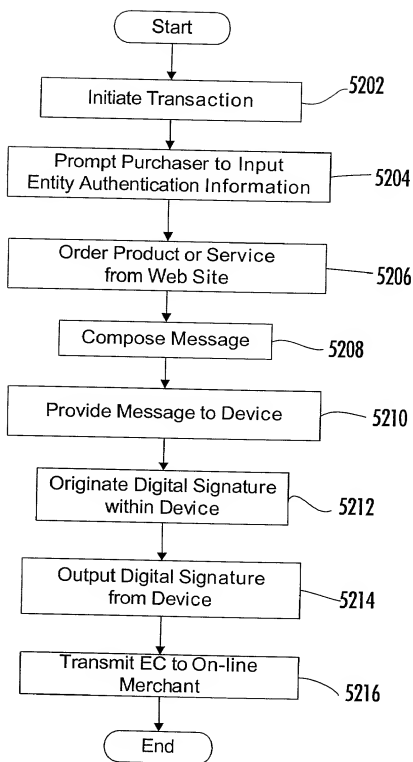
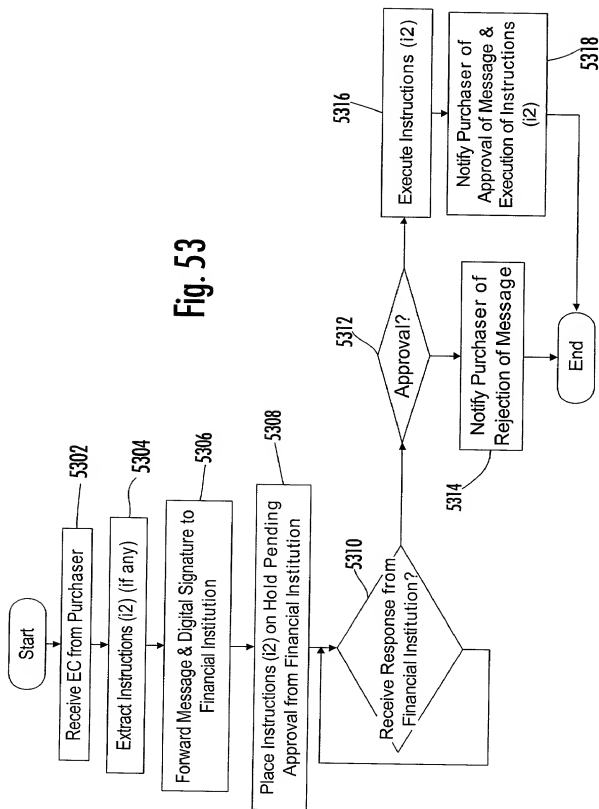
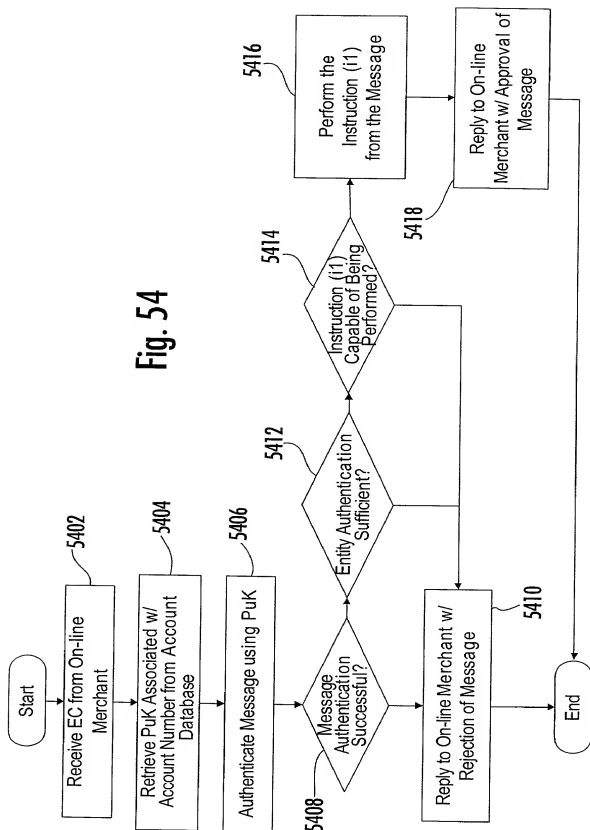


Fig. 52





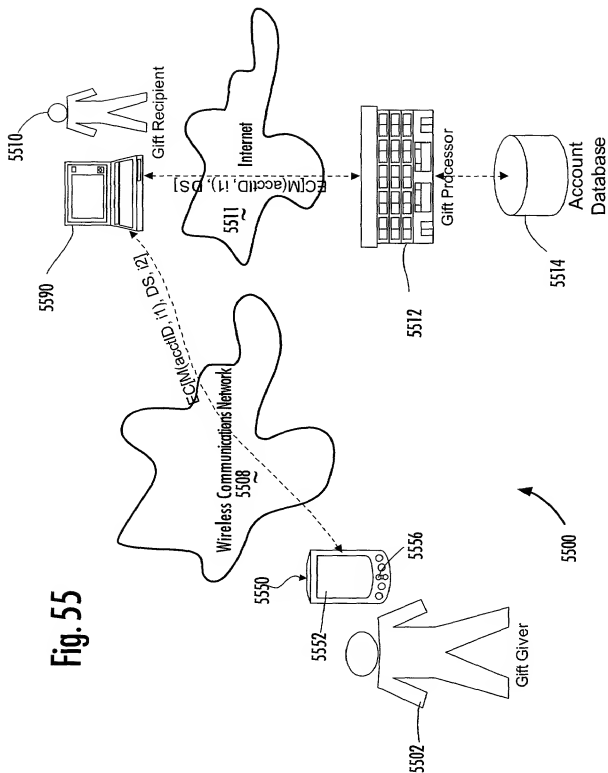


Fig. 55

Account Identifier (acctID) (5616)	Account Information (5640)		Public Key Information (5618)	Device Profile Information (5670)
	Customer-Specific (5642)	Account-Specific (5644)		
#-###-###-###-###	Name Address SSN/Tax - ID number etc.	Account Balance Available Credit Current Statement Alt. Payment Accounts etc.	PK	Security Characteristics Authentication Capabilities Manufacturing History Transactional History
###-###-###-###-###	Name Address SSN/Tax - ID number etc.	Account Balance Available Credit Current Statement Alt. Payment Accounts etc.	PK	Security Characteristics Authentication Capabilities Manufacturing History Transactional History
...
#-###-###-###-###	Name Address SSN/Tax - ID number etc.	Account Balance Available Credit Current Statement Alt. Payment Accounts etc.	PK	Security Characteristics Authentication Capabilities Manufacturing History Transactional History

5514

Fig. 56

Fig. 57

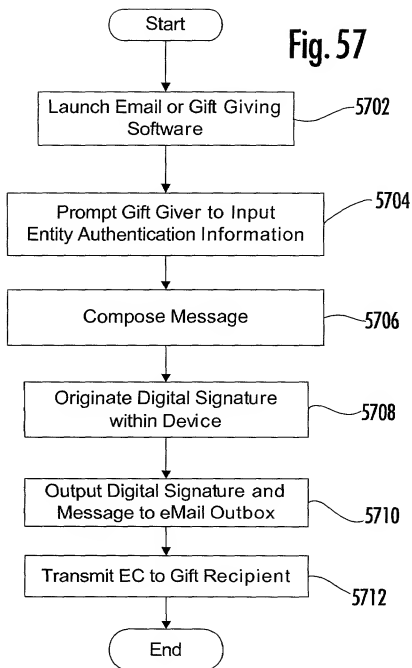


Fig. 58

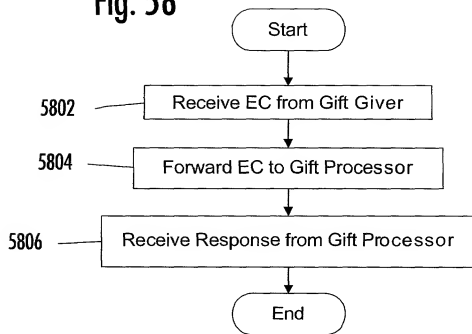


Fig. 59

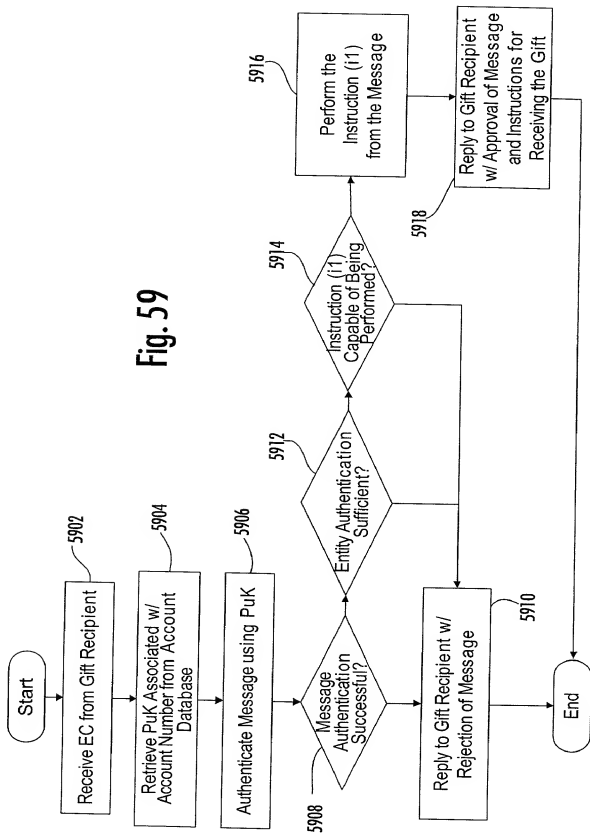
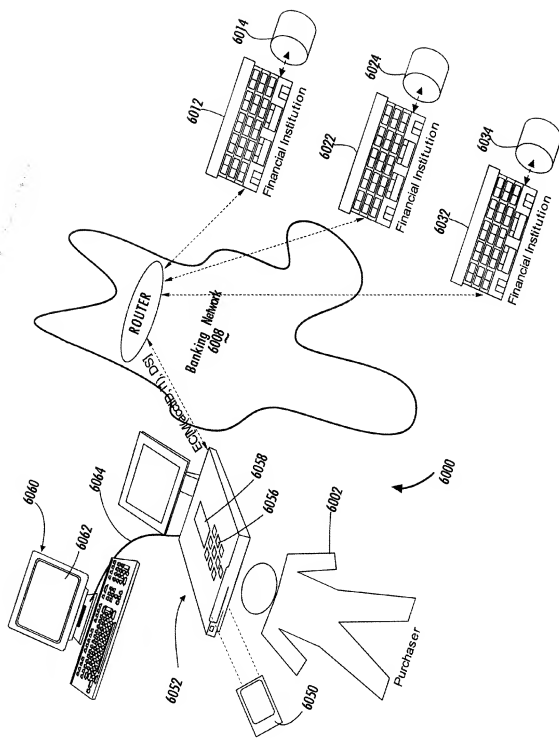


Fig. 60



Account Identifier (acctID) (6116)	Account Information (6140)		Public Key Information (6118)	Device Profile Information (6170)
	Customer-Specific (6142)	Account-Specific (6144)		
#-####-####-###	Name Address SSN/Tax-ID number etc.	Account Balance Available Credit Current Statement Associated Accounts etc.	PK	Security Characteristics Authentication Capabilities Manufacturing History Transactional History
#-####-####-###	Name Address SSN/Tax-ID number etc.	Account Balance Available Credit Current Statement Associated Accounts etc.	PK	Security Characteristics Authentication Capabilities Manufacturing History Transactional History
...
#-####-####-###	Name Address SSN/Tax-ID number etc.	Account Balance Available Credit Current Statement Associated Accounts etc.	PK	Security Characteristics Authentication Capabilities Manufacturing History Transactional History

6014

Fig. 61

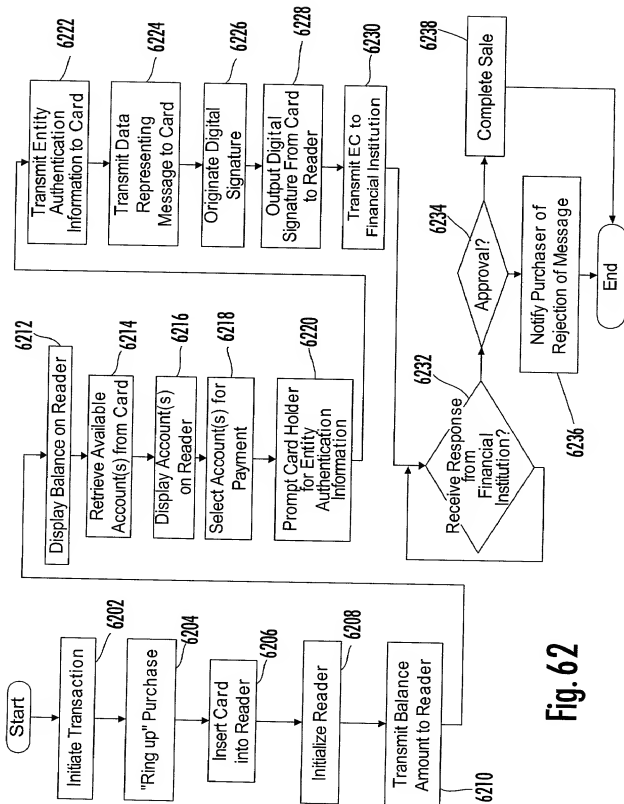
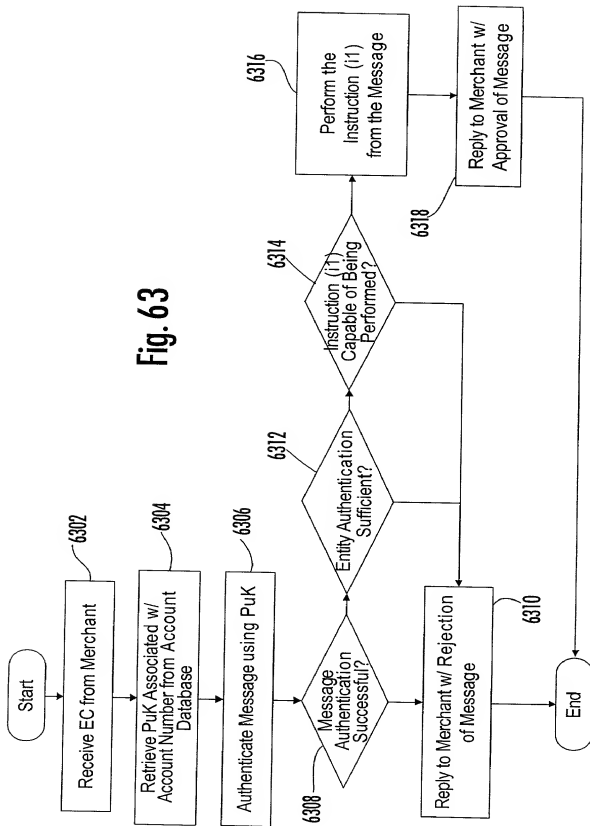


Fig. 62



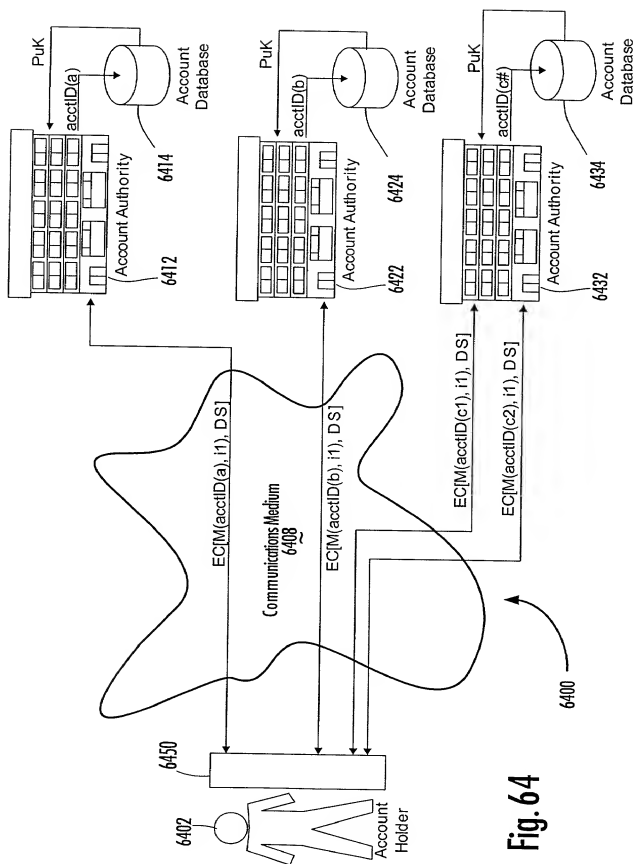


Fig. 64

<u>Account Identifier (acctID)</u> (6416)	<u>Account Information</u> (6440)	<u>Public Key Information</u> (6418)	<u>Device Profile Information</u> (6470)
acctID(a)	Customer-specific information Account-specific information	PK	Security Characteristics Authentication Capabilities Manufacturing History Transactional History

6414

Fig. 64a

<u>Account Identifier (acctID)</u> (6416)	<u>Account Information</u> (6440)	<u>Public Key Information</u> (6418)	<u>Device Profile Information</u> (6470)
acctID(b)	Customer-specific information Account-specific information	PK	Security Characteristics Authentication Capabilities Manufacturing History Transactional History

6424

Fig. 64b

<u>Account Identifier (acctID)</u> (6416)	<u>Account Information</u> (6440)		<u>Public Key Information</u> (6418)	<u>Device Profile Information</u> (6470)
	Account-specific information	Customer-specific information		
acctID(1)	Account-specific information	Customer-specific information	PK	Security Characteristics Authentication Capabilities Manufacturing History Transactional History
acctID(2)	Account-specific information			

6434

Fig. 64c

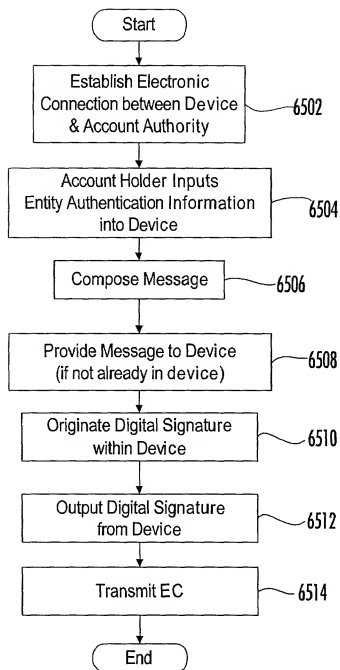


Fig. 65

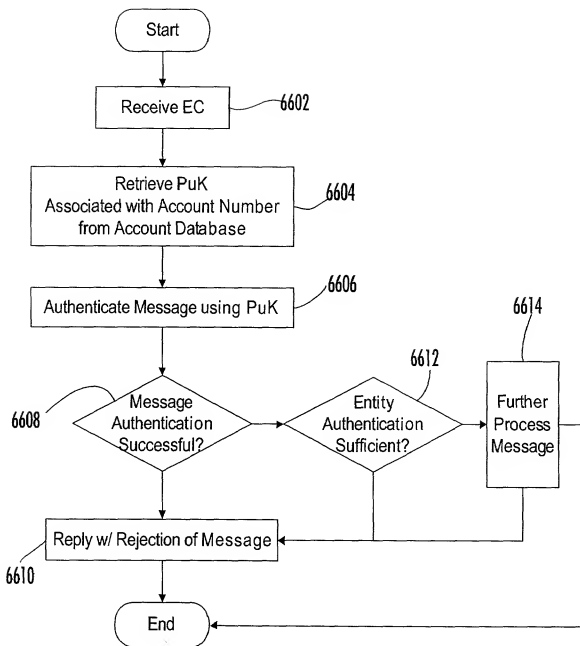
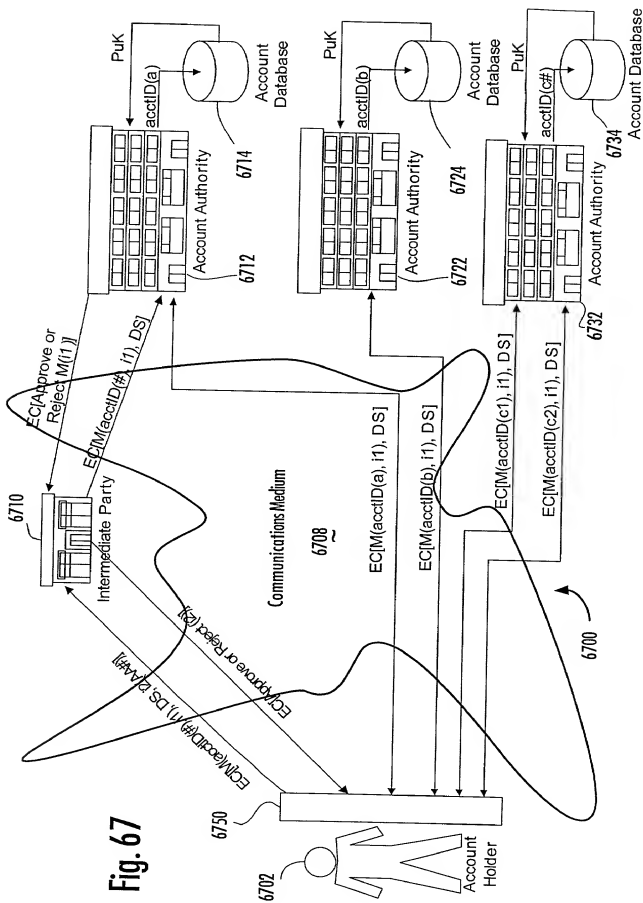


Fig. 66



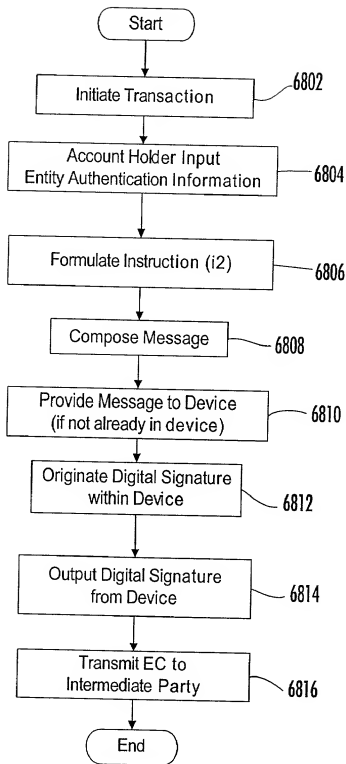


Fig. 68

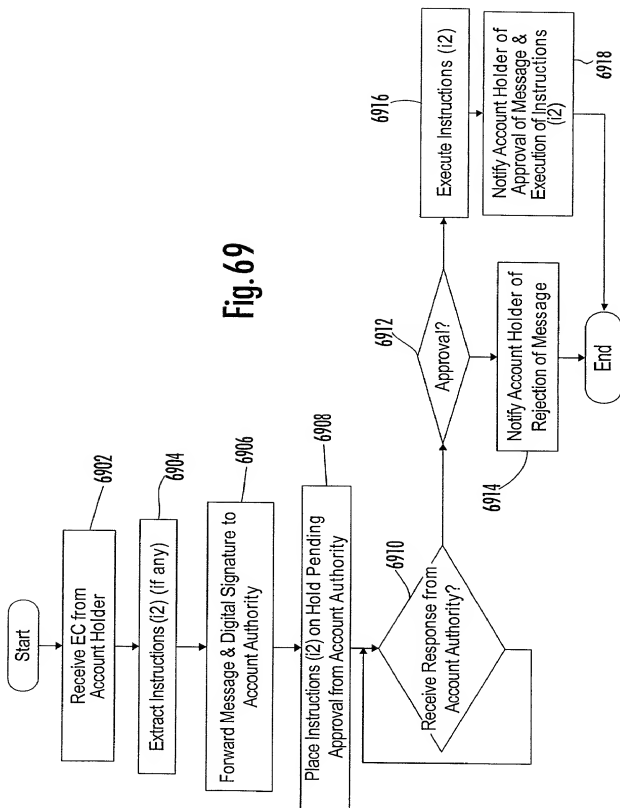
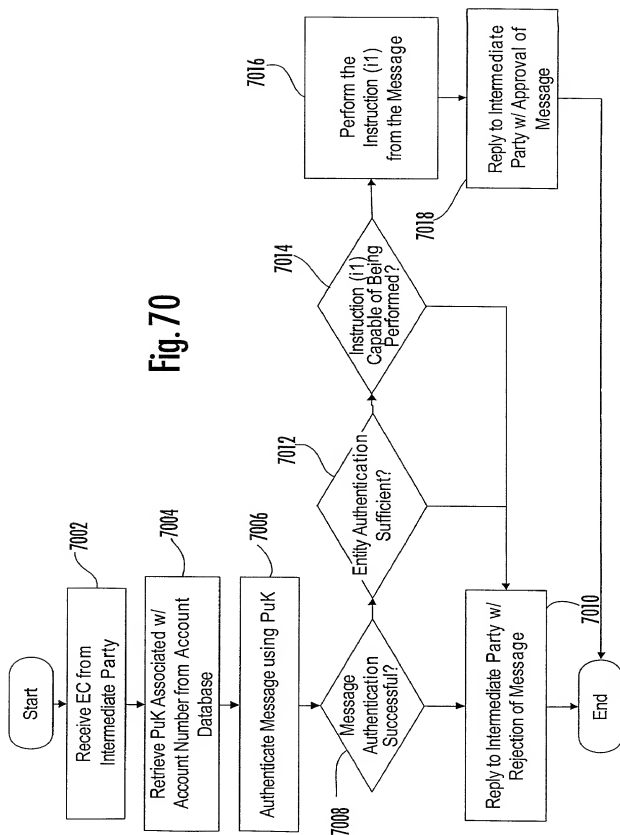


Fig. 69



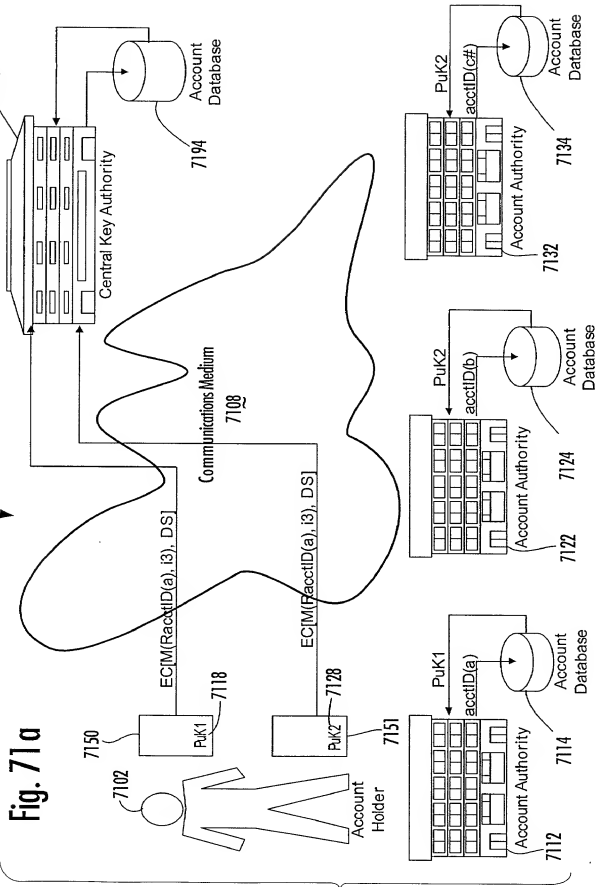
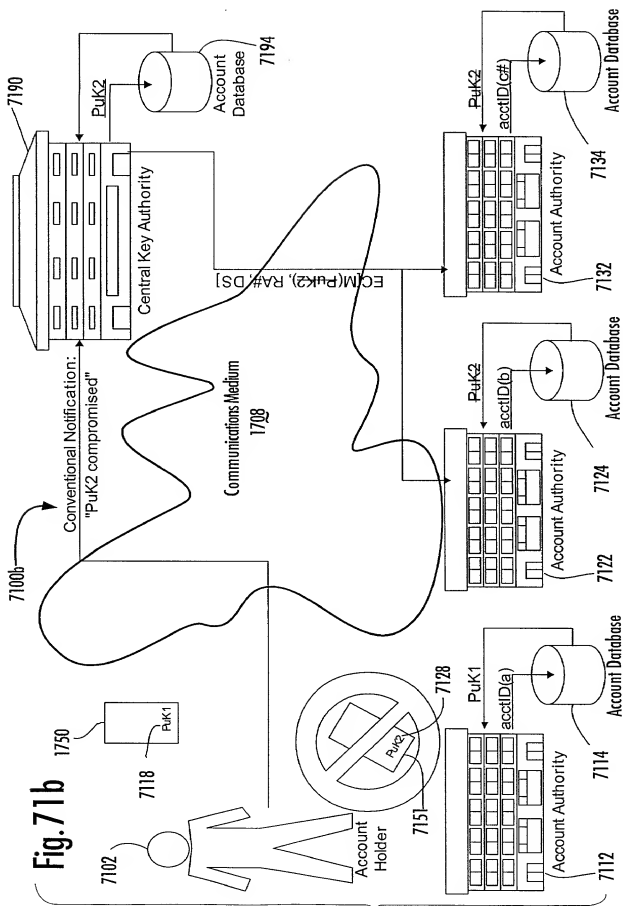
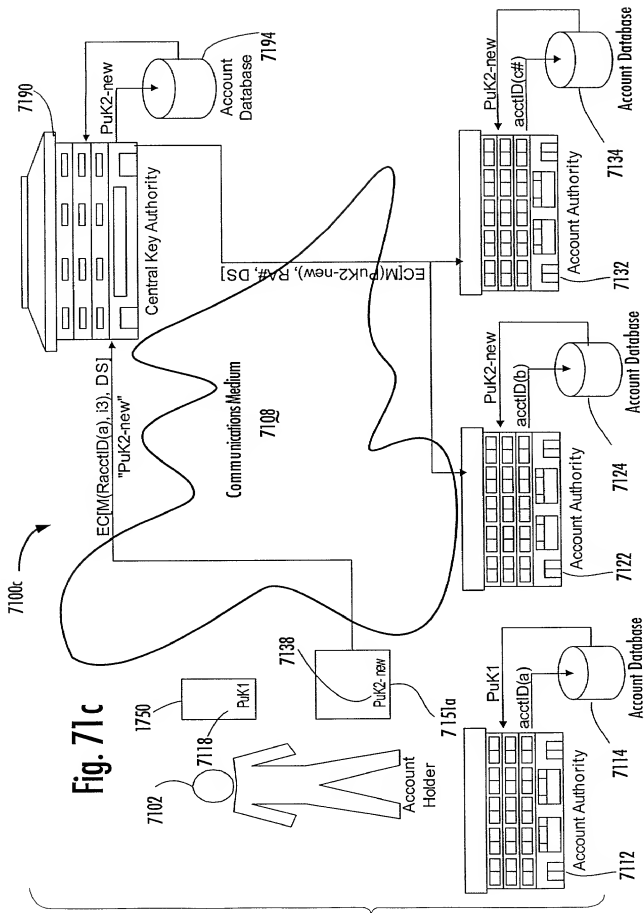


Fig. 71b





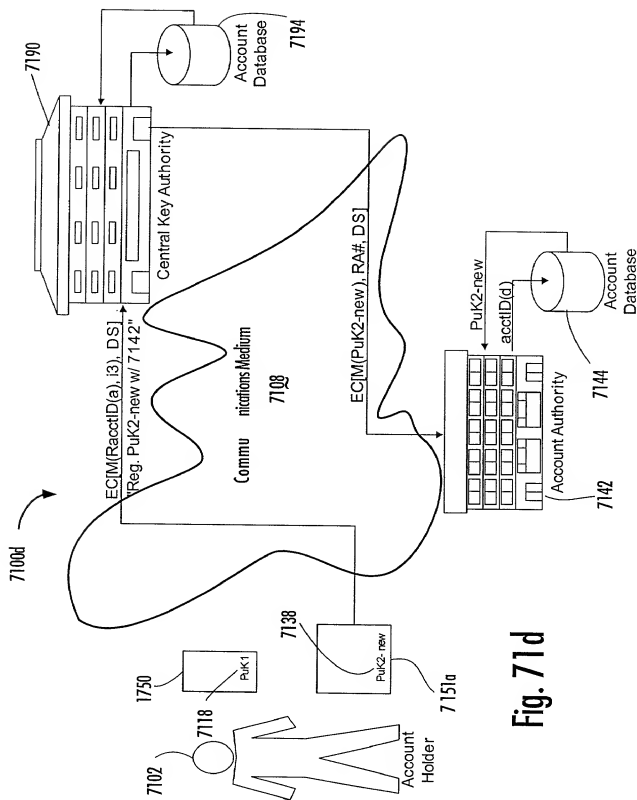
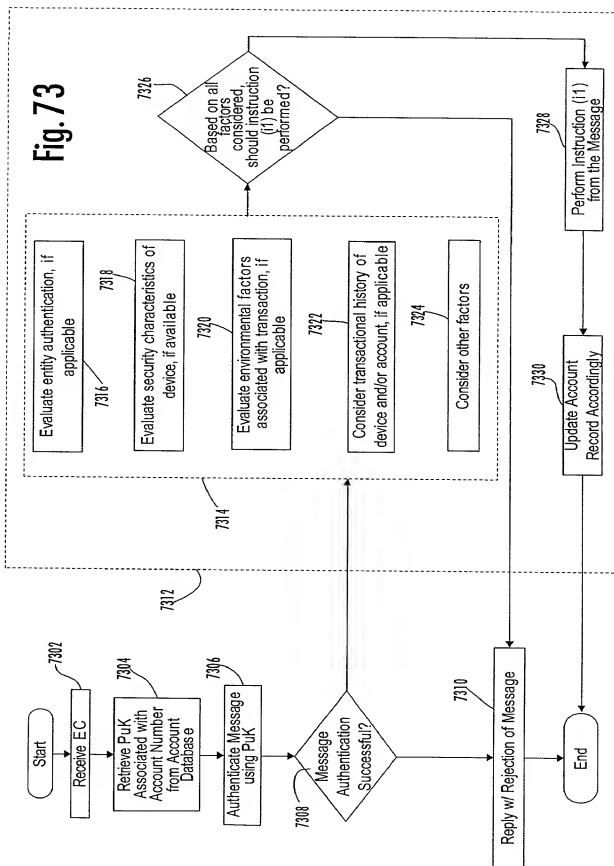


Fig. 71d

Reg. Act ID (7230)	Customer - Specific Information (7242)	Public Key Information (7218)	Device Profile Information (7270)	Account-Specific Information (7244)
RecdID(a)	Name SSN/Tax - ID number Address Credit Card Info etc.	PuK1	Security Characteristics Authentication Capabilities Manufacturing History Transactional History	Account Authority/Unique ActID/Address/Type (empty)
		PuK2	Security Characteristics Authentication Capabilities Manufacturing History Transactional History	Account Authority/Unique ActID/Address/Type
		PuK3	Security Characteristics Authentication Capabilities Manufacturing History Transactional History	Account Authority/Unique ActID/Address/Type
RecdID(b)	Name SSN/Tax - ID number Address Credit Card Info etc.
		PuK1	Security Characteristics Authentication Capabilities Manufacturing History Transactional History	Account Authority/Unique ActID/Address/Type
		PuK2	Security Characteristics Authentication Capabilities Manufacturing History Transactional History	Account Authority/Unique ActID/Address/Type
RecdID(c)	Name SSN/Tax - ID number Address Credit Card Info etc.
		PuK1	Security Characteristics Authentication Capabilities Manufacturing History Transactional History	Account Authority/Unique ActID/Address/Type
		PuK2	Security Characteristics Authentication Capabilities Manufacturing History Transactional History	Account Authority/Unique ActID/Address/Type

Fig. 72



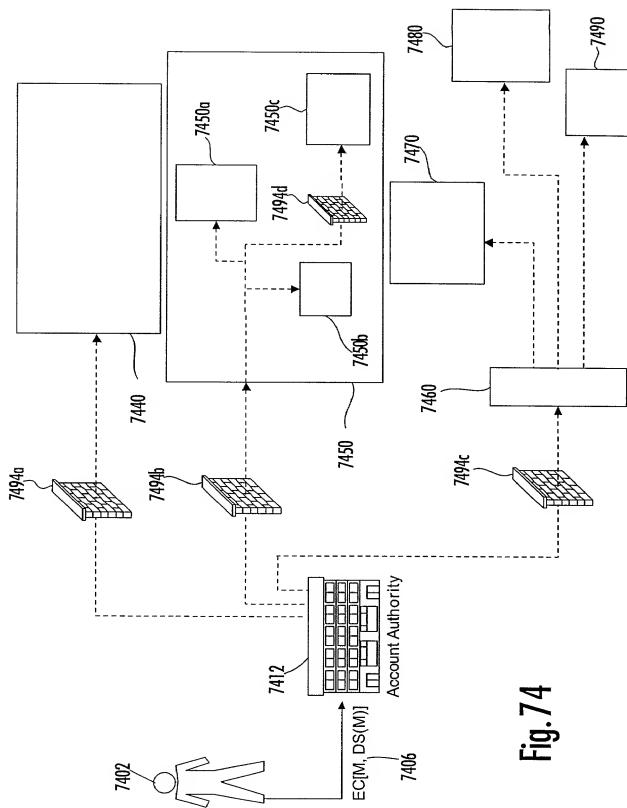


Fig. 74

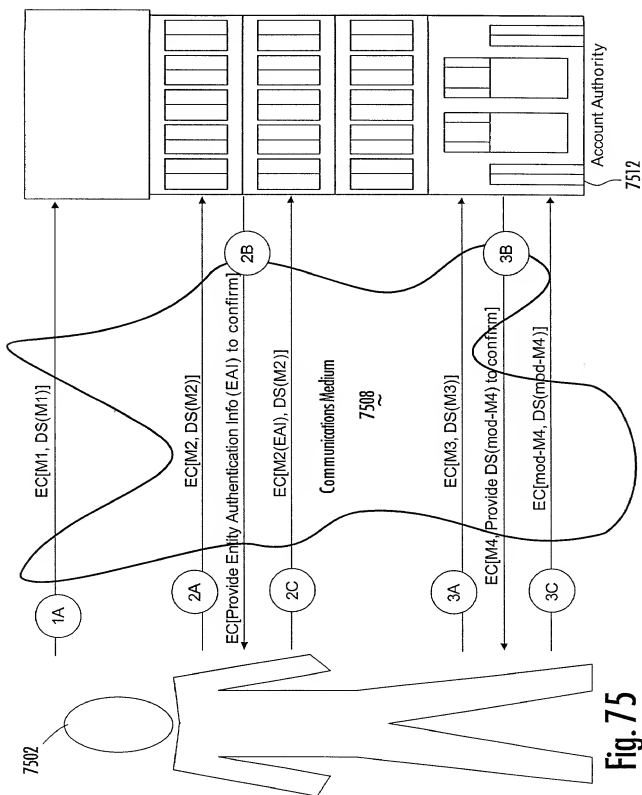


Fig. 75

